

REMARKS

Entry of this Amendment and examination of all pending claims 1 and 3-42 are requested. Enclosed is an attachment showing the changes made to the previously pending claims by this amendment.

Respectfully Submitted,

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ATTACHMENT TO PRELIMINARY AMENDMENT WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (AMENDED) A method for adjusting a ~~performance parameter~~ static attitude of a head suspension, comprising the step of scanning a predetermined region of the head suspension with a laser to impart heat to the region and selectively adjust ~~the performance parameter~~ at least one of pitch and roll static attitude of the head suspension.

2. Claim 2 has been canceled.

3. (AMENDED) The method of claim 2 1, wherein the step of scanning the head suspension includes scanning a first scan region in a first spring arm of a flexure of the head suspension.

11. (AMENDED) The method of claim 2 1, wherein the step of scanning the head suspension includes scanning a first scan region located in a cross piece at the distal end of a head suspension flexure, the first scan region being adjacent and spaced apart in a first direction from a longitudinal axis of the head suspension.

New claims 34-42 have been added.

34. (NEW) A method for precisely micro-warpage a region of metal to adjust static attitude of a disk drive head suspension, including controllably scanning a laser beam across the metal region to bend the metal region by an amount which causes the suspension to have a desired static attitude.

35. (NEW) The method of claim 34 wherein:
the method includes measuring static attitude of the suspension; and
controllably scanning the laser beam includes scanning the laser beam across the
metal region until the measured static attitude corresponds to the desired static
attitude of the suspension.

36. (NEW) The method of claim 35 wherein:

the method further includes:

providing scan number/static attitude change information describing a
relationship between number of scans and static attitude changes; and
determining the number of scans which will cause the suspension to have the
desired static attitude as a function of the measurement and the scan
number/ static attitude change information; and

controllably scanning the laser beam includes scanning the laser beam across the
metal region the determined number of times.

37. (NEW) The method of claim 34 wherein controllably scanning the laser beam
includes controlling the number of scans.

38. (NEW) The method of claim 37 wherein controllably scanning the laser beam
includes controlling the location of the scans.

39. (NEW) The method of claim 34 wherein controllably scanning the laser beam
includes controlling the location of the scans.

40. (NEW) The method of claim 39 wherein controlling the location of the scans
includes controlling a surface of the metal region which is scanned.

41. (NEW) The method of claim 34 for micro-warping a radius spring region of a
suspension.

42. (NEW) The method of claim 34 for micro-warping flexure spring arms of a
suspension.